

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Complete if Known

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number	09/886,959
Filing Date	June 20, 2001
First Named Inventor	Algirdas Avizienis RECEIVED
Art Unit	2114 AUG 17 2004
Examiner Name	Bryce P. Bonzo

Sheet

1

of

3

Attorney Docket Number xAAA-02 Technology Center 2600

NON PATENT LITERATURE DOCUMENTS

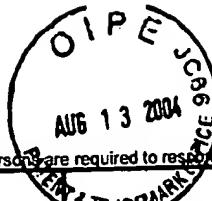
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
BPB	1	INTEL CORP., Intel's Quality System Databook (January 1998), Order No. 210997-007	
	2	A. AVIZIENIS and Y. HE, "Microprocessor entomology: A taxonomy of design faults in COTS microprocessors", in J. Rushby and [contin'd in next block]	
		C. B. Weinstock, editors, Dependable Computing for Critical Applications 7, IEEE Computer Society Press (1999)	
	3	A. AVIZIENIS and J. P. J. KELLY, "Fault tolerance by design diversity: concepts and experiments", Computer, 17(8):67-80 (August 1984)	
	4	A. AVIZIENIS, "The N-version approach to fault-tolerant software", IEEE Trans. Software Eng., SE11(12):1491-1501 (December 1985)	
	5	M. K. JOSEPH and A. AVIZIENIS, "Software fault tolerance and computer security: A shared problem", in Proc. of the [contin'd in next block]	
		Annual National Joint Conference and Tutorial on Software Quality and Reliability, pages 428-36 (March 1989)	
	6	Y. HE, An Investigation of Commercial Off-the-Shelf (COTS) Based Fault Tolerance, PhD thesis, Computer Science [contin'd in next block]	
		Department, University of California, Los Angeles (September 1999)	
	7	[Please see next sheet.]	

Examiner Signature	Bryce P. Bonzo	Date Considered	7/9/05
--------------------	----------------	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Complete if Known

Substitute for form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

TRADEMARK

AUG 13 2004

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Application Number	09/886,959
Filing Date	June 20, 2001
First Named Inventor	Algirdas Avizienis
Art Unit	2114
Examiner Name	Bryce P. Bonzo
Attorney Docket Number	xAAA-02

RECEIVED

AUG 17 2004

Technology Center 2600

NON PATENT LITERATURE DOCUMENTS

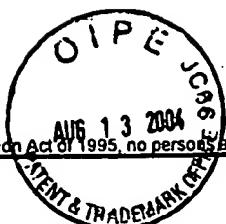
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
BPB	7	Y. HE and A. AVIZIENIS, "Assessment of the applicability of COTS microprocessors in high-confidence computing [contin'd in next block]	
		systems: A case study", in Proceedings of ICDSN 2000 (June 2000)	
	8	INTEL CORP., The Pentium II Xeon Processor Server Platform System Management Guide (June 1998), Order No. 243835 001	
	9	A. AVIZIENIS, G. C. GILLEY, F. P. MATHUR, D. A. RENNELS, J. A. ROHR, and D. K. RUBIN. "The STAR (Self- [contin'd in next block]	
		Testing-and-Repairing) computer: An investigation of the theory and practice of fault-tolerant computer design", IEEE Trans. [contin'd again]	
		Comp., C 20(11):1312-21 (November 1971)	
	10	T. B. SMITH, "Fault-tolerant clocking system", in Digest of FTCS-11, pages 262-64 (June 1981)	
	11	INTEL CORP., P6 Family Of Processors Hardware Developer's Manual (September 1998), Order No. 244001 001	
	12	A. AVIZIENIS, "Toward systematic design of fault-tolerant systems", Computer, 30(4):51-58 (April 1997)	
	13	[Please see next sheet.]	

Examiner Signature	Bryce P. Bonzo	Date Considered	7/9/05
--------------------	----------------	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Substitute for form 1449/PTO

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	09/886,959
		Filing Date	June 20, 2001
		First Named Inventor	Algirdas Avizienis
		Art Unit	2114
		Examiner Name	Bryce P. Bonzo
Sheet 3	of 3	Attorney Docket Number	xAAA-02

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
BPB	13	"Special report: Sending astronauts to Mars", Scientific American, 282 (3):40-63 (March 2000)	
	14	NASA, "Conference on enabling technology and required scientific developments for interstellar missions", OSS [contin'd in next block]	
↓		Advanced Concepts Newsletter, page 3 (March 1999)	
			RECEIVED
			AUG 17 2004
			Technology Center 2600

Examiner Signature	Bryce P. Bonzo	Date Considered	7/9/05
--------------------	----------------	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
 This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.